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CONFIDENTIAL

Date: January 15, 2004
To Name: USPTO – Box: IDS
Fax: (703) 872-9306
Phone: (703) 305-8283

From: Name: Manu Kashyap, Intellectual Property Paralegal
Corporate Legal Dept.
Telephone: (408) 433-7475
Fax: (408) 433-7460
Re: 10/664,636

Number of Pages Including this Page 5

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MESSAGE:

US Serial No.: 10/664,636
Filing Date: September 19, 2003
Group Art Unit: 3679
Examiner:

RE: IDS – PTO/SB/21, PTO/SB/17, INFORMATION DISCLOSURE STATEMENT,
PTO/SB/08A

Please notify us immediately if any pages are not received.

Please type a plus sign (+) inside this box



PTO/SB/21 (12/97)
Approved for use through 9/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | |
|--|------------------------|--------------------|
| | Application Number | 10/664,636 |
| | Filing Date | September-19, 2003 |
| | First Named Inventor | Rebecca Kocot |
| | Group Art Unit | 3879 |
| | Examiner Name | |
| Total number of pages in this submission | Attorney Docket Number | 03-0914 |

ENCLOSURES (check all that apply)

| | | |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits(s)/declaration(s) <input type="checkbox"/> Extension of time request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Paper <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): 1. Return address postcard for PTO mailroom to date stamp. |
| | | Remarks |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-----------------|---|
| Individual Name | Leo Peters, Reg. No. 33,562, Phone: [+1] 408-433-7475 |
| Signature | |
| Date | 1/15/04 |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope to:
Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

January 15, 2004

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| Typed or printed name | Manu Kashyap, Phone: [+1] 408-433-7475 |
| Signature | |
| | Date: 1-15-04 |

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Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO : Assistant Commissioner for
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FEE TRANSMITTAL

Patent Fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/08-12, See 37 C.F.R. 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

| Complete If Known | |
|----------------------|--------------------|
| Application Number | 10/654,636 |
| Filing Date | September-19, 2003 |
| First Named Inventor | Rebecca Kocot |
| Group Art Unit | 3679 |
| Examiner Name | |
| Attorney Docket No. | /03-0914 |

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

Deposit Account Number 12-2252

Deposit Account Number LSI LOGIC CORPORATION

Charge Any Additional Fee required Under 37 C.F.R. 1.16 at the Mailing of the Notice of

2. Payment Enclosed:

Choc Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

| Larg eFee Code | Entit yFee Code | Larg eFee Code | Entit yFee Code | Fee Description | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|----------|
| 101 | 780 | 201 | 395 | Utility filing fee | |
| 106 | 330 | 206 | 185 | Design filing fee | |
| 107 | 540 | 207 | 270 | Plant filing fee | |
| 108 | 790 | 208 | 395 | Reissue filing fee | |
| 114 | 150 | 214 | 75 | Provisional filing fee | |

SUBTOTAL (1) (\$ 0.00)

2. EXTRA CLAIM FEES

| Total claim | Extra Claim | Fee from below | Fee Paid |
|--------------------|-------------|----------------|----------|
| | -20* = | | = |
| Independent claims | -3* = | | = |
| Multiple Dependent | | | = |

*or number previously paid, if greater; For Reissues, see below

| Larg eFee Code | Entit yFee Code | Larg eFee Code | Entit yFee Code | Fee Description | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|---|----------|
| 103 | 22 | 203 | 11 | Claims in excess of 20 | |
| 102 | 82 | 202 | 41 | Independent claims in excess of 3 | |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid | |
| 109 | 82 | 209 | 41 | **Reissue independent claims over original patent | |
| 110 | 22 | 210 | 11 | **Reissue claims in excess of 20 end over original patent | |

SUBTOTAL (2) (\$ 0.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Larg eFee Code | Entit yFee Code | Larg eFee Code | Entit yFee Code | Fee Description | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing request for reexamination | |
| 112 | 920* | 112 | 920 | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 950 | 217 | 475 | Extension for reply within third month | |
| 118 | 1,510 | 218 | 755 | Extension for reply within fourth month | |
| 128 | 2,080 | 228 | 1,090 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,320 | 241 | 660 | Petition to revive - unintentional | |
| 142 | 1,320 | 242 | 680 | Utility issue fee (or reissue) | |
| 143 | 450 | 243 | 225 | Design issue fee | |
| 144 | 670 | 244 | 335 | Plant issue fee | |
| 122 | 190 | 122 | 130 | Petitions to the Commissions | |
| 123 | 50 | 123 | 50 | Petitions related to provisional application | |
| 126 | 240 | 126 | 240 | Submission of Information Disclosure Stmt | 0.00 |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 148 | 790 | 248 | 395 | Filing a submission after final rejection (37 CFR 1.129) | |
| 149 | 790 | 249 | 395 | For each additional invention to be examined (37 CFR 1.129 (b)) | |
| Other fee (specify) | | | | | |
| Other fee (specify) | | | | | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

Typed or printed name

Leo Peters

Complete (If applicable)

Reg. Number

33,562

Signature

Date

1/15/04

Deposit Account User ID

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Rebecca Kocot

Serial No. : 10/664,636

Filed : September 19, 2003

For : User Interface Software Development Tool and Method for Enhancing the Sequencing of Instructions within a Superscalar Microprocessor Pipeline by Displaying and Manipulating Instructions in the Pipeline

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Group Art Unit: 3679

Examiner:

Atty Docket : / 03-0914

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date below:

Date

Signature

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached form, copies of which are attached, may be material to examination of above-identified application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR 1.56 and 1.97.

It is requested that the information disclosed herein be made of record in the application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 12-2252.

**LSI Logic Corporation
1551 McCarthy Blvd., MS D-106
Milipitas, CA 95035
408-433-7475**

Date: 1/15/04

Respectfully submitted,

Leo Peters

Reg. No. 33,562



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PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

1

of

1

Complete if Known

| | |
|----------------------|--------------------|
| Application Number | 10/664,636 |
| Filing Date | September-19, 2003 |
| First Named Inventor | Rebecca Kocot |
| Group Art Unit | 3679 |
| Examiner Name | |
| Attorney Docket No. | / 03-0914 |

U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. | U.S. Patent Document Number | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-------------------|----------|-----------------------------|-------------------------|---|---|---|
| | | 6,088,044 | | Kwok et al. | 07-11-2000 | |
| | | 5,717,909 | | Nemirovsky et al. | 02-10-1998 | |
| | | 6,567,924 | | McGee et al. | 05-20-2003 | |
| | | 6,493,868 | | DaSilva et al. | 12-10-2002 | |
| | | 5,537,538 | | Bratt et al. | 07-16-1996 | |
| | | 4,253,183 | | Taylor et al. | 02-24-1981 | |

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|--------------------|-----------------|
| Examiner signature | Date considered |
|--------------------|-----------------|

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 PAGE 5/5 * RCVD AT 1/15/2004 4:52:29 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/1 * DNIS:8729306 * CSID:4084337460 * DURATION (mm:ss):01:36